

S. C.

**Notice of Allowability**

Application No.

09/918,165

Examiner

Joseph S. Del Sole

Applicant(s)

WIRTH ET AL.

Art Unit

1722

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the response of 4/26/04.
2. ☒ The allowed claim(s) is/are 6 and 8-12.
3. ☒ The drawings filed on 30 July 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Whalen on 5/3/04.

The application has been amended as follows:

the following listing of claims replaces all previous listings:

Claims 1-5 (cancelled).

Claim 6 (Currently Amended): The device of Claim 5 in which the guide on A device useful for the production of a plastic molding reinforced with long fibers in a mold comprising:

- a) a bearing seat for coils of continuous threads or rovings,
- b) a guide for the continuous thread or rovings which leads the threads or rovings from the bearing seat to a movement-controlled introducing device and ends at a cutting unit,
- c) the movement-controlled introducing device for introducing a liquid stream which forms a solid plastic with long fibers comprising comprises a flexible guide hose connected to the a rigid pipeline system,
- d) the cutting unit, and

- e) a conveying device on the cutting unit in which the guide for the continuous thread or roving at least partly comprises
- f) the rigid pipeline system having at least one tensioning air inlet directed against the conveying direction for pneumatic tensioning of the continuous thread or roving.

Claim 7 (cancelled).

Claim 8 (Currently Amended): The device of claim 6 7 in which the guide on the introducing device has an intake funnel into which the continuous thread or roving runs during the mold filling operation.

Claim 9 (Currently Amended): The device of claim 6 in which the flexible guide hose ~~is connected to the rigid pipeline system and~~ has a length which compensates for any movement of the introducing device.

Claim 10 (Currently Amended): The device of claim 6 5 in which the rigid pipeline system has pipe bends and an air inlet for tensioning the continuous thread or roving is arranged behind at least one of the pipe bends.

Claim 11 (Currently Amended): The device of claim 6 5 in which the guide has at least one conveying air Inlet.

Claim 12 (Original): The device of claim 8 in which the end of the rigid pipeline system has a telescopic tube which during set-up can be moved as far as the intake funnel.

2. The following is an examiner's statement of reasons for allowance: the prior art of record fails to teach or suggest the guide one the movement-controlled introducing

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device having a flexible guide hose connected to the rigid pipeline system; the guide on the introducing device has an intake funnel into which the continuous thread or roving runs; or in which the flexible guide hose is connected to the rigid pipeline system and has a length which compensates for any movement of the introducing device in combination with limitations of the parent claims. The closest prior art, Buckley, specifically fails to teach the movement-controlled introducing device having a flexible guide hose connected to a rigid pipeline system.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Correspondence***

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Joseph S. Del Sole whose telephone number is (571) 272-1130. The examiner can normally be reached on Monday through Friday from 8:30 A.M. to 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ms. Wanda Walker, can be reached at (571) 272-1151. The official fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 for both non-after finals and for after finals.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from the either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on the access to the Private PAIR system, contact the Electronic Business Center (EBC) at 886-217-9197 (toll-free).

*Joseph S. Del Sole*

J.S.D.  
May 3, 2004



ROBERT DAVIS  
PRIMARY EXAMINER  
GROUP 1300-1700

*5/7/04*